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-	97	("5642511" "6038395" "5413328" "5570879" "6178432" "6287765" "5867175" "6292830" "4375080" "5450586" "5872909" "5793948" "4827404" "5991827" "6098118" "6408330" "6052729" "5909684" "6421821" "5630047" "5377100" "4398272" "4531204" "4602790" "5228137" "5442180" "5793361" "5838948" "5945286" "6263302" "6366726" "6370406" "6395561" "6404416" "6416234" "6461816" "6602400" "6065009" "5659768" "5778059" "5907706" "4389706" "4451702" "4479034" "5430875" "5513346" "5680617" "5867822" "5893083" "6021403") .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 12:03

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-	185	717/125.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 12:21
-	55	717/111.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 12:21
-	134	717/113.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 12:22
-	1272	714/38.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 12:22
-	357	714/45.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 12:22
-	803	714/47.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 12:22
-	26	(log\$4 with monitor\$3 with period\$1) and (display\$3 with graph)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 12:26
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-	2786	log\$4 with period\$1 with (semaphore\$1 or ISR or task\$1 or memor\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 12:28
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-	69723	monitor\$3 with (semaphore\$1 or ISR or task\$1 or memor\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 12:30
-	1219	monitor\$3 with (semaphore\$1 or ISR or task\$1 or memor\$3) with (operating adj system\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 12:30
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-	1213	monitor\$3 with ((semaphore\$1 with ISR) or task\$1 or memor\$3) with (operating adj system\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/08/06 12:31
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-	22	5872909.URPN.	USPAT	2004/08/06 12:45
-	64	graph with node\$1 with interaction\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/08/06 13:16



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1 [WindView: a tool for understanding real-time embedded software through system
vizualization](#)

David Wilner

November 1995 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 1995
workshop on Languages, compilers, & tools for real-time systems**, Volume
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1 [Human-computer interface development: concepts and systems for its management](#)

H. Rex Hartson, Deborah Hix

March 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 1Full text available: [pdf\(7.97 MB\)](#)
 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Human-computer interface management, from a computer science viewpoint, focuses on the process of developing quality human-computer interfaces, including their representation, design, implementation, execution, evaluation, and maintenance. This survey presents important concepts of interface management: dialogue independence, structural modeling, representation, interactive tools, rapid prototyping, development methodologies, and control structures. *Dialogue independence* is th ...

2 [An object-oriented framework for interactive data graphics](#)

Robert L. Young

December 1987 **ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages and applications**, Volume 22 Issue 12Full text available: [pdf\(1.44 MB\)](#)
 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Ida is an object-oriented framework for interactive data graphics. It can be used for independent data examination or integrated into application user interfaces. Ida's model of graphics is composed of five basic elements: Presentations, Assemblies, Data Sources, Data Displays, and Scales. Presentations and assemblies address display layout. A sharp distinction is maintained between drawing and the management of already drawn images. Data sources are respon ...

3 [Abstract interaction tools: a language for user interface management systems](#)

Jan Van Den Bos

April 1988 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 10 Issue 2Full text available: [pdf\(2.45 MB\)](#)
 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

A language model is presented for the specification of User Interface Management Systems. The model, called the Abstract Interaction Tool (AIT) model, offers a tree-like hierarchy of interaction objects. Each object represents a subtree and can be considered as an abstract input device containing a syntax-like specification of the required input pattern. The hierarchy of specifications amounts to a system of syntactical productions with multiple control. Terminal nodes of the AIT tree repre ...